

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
PATENT EXAMINING OPERATION

In re Application of: § Atty Docket No.: BIOD,002
James C. PATTERSON, II §
Serial No.: 10/811,633 §
Filed: March 29, 2004 § Examiner: Unknown
For: **METHODS FOR** § Group Art Unit: Unknown
USING PET MEASURED §
METABOLISM TO DETERMINE §
COGNITIVE IMPAIRMENT §

COMMISSIONER OF PATENTS
P. O. BOX 1450
ALEXANDRIA, VA 22313-1450

CERTIFICATE OF MAILING (37 CFR 1.8a)

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date indicated below with sufficient postage as first class mail in an envelope addressed to the Commissioner of Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

Mark R. Wisner, Registration No. 30,603

Aug. 9, 2004
Date

POWER OF ATTORNEY AND
ELECTION UNDER 37 C.F.R. § 3.71

Sir:

The undersigned, being an Assignee of the above-identified patent application, hereby elects under 37 C.F.R. §3.71 to prosecute this patent/patent application to the exclusion of the inventor(s)/previous assignee(s). In accordance with the provisions of 37 C.F.R. §3.73(b), attached hereto in the form of a Certificate Under 37 C.F.R. §3.73(b) executed by the Assignee is documentary evidence of a chain of title from the original owner to the Assignee or a specification by reel and frame number of where such evidence is recorded in the Patent and Trademark Office. Included in that Certificate is a statement specifying that the evidentiary documents have been reviewed and certifying that, to the best of Assignee's knowledge and belief, title is in the Assignee.

The Assignee hereby revokes any previous Power of Attorney and appoints:

Mark R. Wisner, Registration No. 30,603; and

Malcolm H. Skolnick, Registration No. 33,788;

jointly and severally, as Assignee's attorney or agent, with full power of substitution and revocation, to prosecute this patent/patent application, to make alterations and amendments therein,

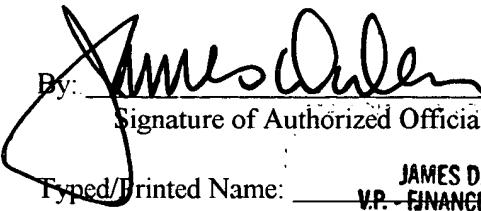
and to transact all business in the Patent and Trademark Office in connection therewith.

Please address all communications to:

Mark R. Wisner
WISNER & ASSOCIATES
1177 West Loop South, Suite 400
Houston, Texas 77027-9012
Telephone: (713) 785-0555
Facsimile: (713) 785-0561

ASSIGNEE:

**THE BIOMEDICAL RESEARCH
FOUNDATION OF NORTHWEST LOUISIANA**

By: 

Signature of Authorized Official

Typed/Printed Name: JAMES D. DEAN
V.P. FINANCE & ADMIN.

Title: V.P. FINANCE & ADMIN.

Date: August 4, 2004

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Aug. 9, 2004
Mark R. Wisner, Registration No. 30,603 Date

CERTIFICATE UNDER 37 C.F.R. 3.73(B)

Dear Sir:

The Biomedical Research Foundation of Northwest Louisiana, a Louisiana non-profit corporation ("Assignee"), certifies that it is an Assignee of the patent/patent application identified above by virtue of:

A. An Assignment from the inventor(s) of the patent application identified above.
 The Assignment was recorded in the Patent and Trademark Office at Reel _____, Frame _____; or
 A copy thereof is attached.

B. A chain of title from the inventor(s) of the patent/patent application identified above to the current assignee as shown below:

1. From: _____
To: _____
 The document was recorded in the Patent and Trademark Office at Reel _____, Frame _____; or
 A copy thereof is attached.
2. From: _____
To: _____
 The document was recorded in the Patent and Trademark Office at Reel _____, Frame _____; or
 A copy thereof is attached.

3. From: _____

To: _____

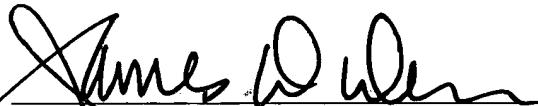
The document was recorded in the Patent and Trademark Office at Reel _____, Frame _____; or
 A copy thereof is attached.

Additional documents in the chain of title are listed on a supplemental sheet.
 Copies of assignments or other documents in the chain of title are attached.

The undersigned has reviewed all the documents in the chain of title of the patent/patent application identified above and, to the best of undersigned's knowledge and belief, title is in the Assignee identified above.

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the Assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereof.

Signature: 

Name: **JAMES D. DEAN**
V.P. - FINANCE & ADMIN.

Title: _____

Date: **August 4**, 2004

ASSIGNMENT**COPY**

FOR the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, I/we, the undersigned Assignor, do hereby SELL, ASSIGN AND TRANSFER to The Biomedical Research Foundation of Northwest Louisiana, a Louisiana non-profit corporation having a place of business at 1505 Kings Highway, Shreveport, Louisiana 71103 (the "Assignee"), an undivided one-half interest in and to the application, and the invention disclosed and/or claimed in the application, for United States Letters Patent Serial No. 10/811,633, filed in the U.S. Patent and Trademark Office on March 29, 2004 and entitled **METHODS FOR USING PET MEASURED METABOLISM TO DETERMINE COGNITIVE IMPAIRMENT**, and all divisional, continuing, substitute, renewal, reissue and other applications for patent which have been or shall be filed in the United States and all other countries foreign thereto on any of such improvements, including all rights of priority to such invention and application pursuant to international treaty, and all original and reissued patents which have been or shall be issued in the United States and all other countries on such improvements for the full term(s) for which the same may be granted;

AUTHORIZE AND REQUEST the Patent and Trademark Office, and the appropriate office in all countries foreign to the United States, to issue any and all such patents granted on such improvements jointly to the Assignor and the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the Assignor, and that the full right to convey the same as herein expressed is possessed by the Assignor;

COVENANT that, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the Assignor will execute and deliver to the Assignee all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements, execute and deliver to the Assignee all rightful oaths, declarations, assignments, powers of attorney and other papers, communicate to the Assignee all facts known to the Assignor relating to such improvements and the history thereof, and generally do everything that the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

SAID ASSIGNMENT TO BE BINDING on the heirs, assigns, representatives and successors of the Assignor and extend to the successors, assigns and nominees of the Assignee.

**THE BOARD OF SUPERVISORS OF
LOUISIANA STATE UNIVERSITY AND
AGRICULTURAL AND MECHANICAL
COLLEGE, A LOUISIANA PUBLIC
CONSTITUTIONAL CORPORATION, ACTING
THROUGH ITS LOUISIANA STATE UNIVERSITY
HEALTH SCIENCES CENTER - SHREVEPORT**

4 Aug 04
Date Signed

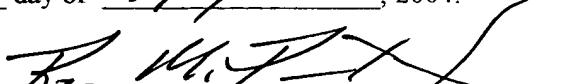
By: *John C. McDonald*
Signature of Authorized Official

Typed/Printed Name: *John C. McDonald*
Title: *Chancellor & Dean*

STATE OF LOUISIANA §
 §
PARISH OF CADDO §

Before me, the undersigned authority, on this date personally appeared John C. M. Donald, Chancellor Dean (Title) of The Board of Supervisors of Louisiana State University and Agricultural and Mechanical College, a corporation, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he/she executed the same for the purposes and consideration therein expressed, in the capacity stated, and as the act and deed of said corporation.

Given under my hand and seal this 4 day of Aug, 2004.


Notary Public, State of Louisiana

My Commission Expires: With life

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*O I P E
AUG 13 2004
PATENT & TRADEMARK OFFICE*

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Aug. 9, 2004
Mark R. Wisner, Registration No. 30,603 Date

POWER OF ATTORNEY AND
ELECTION UNDER 37 C.F.R. § 3.71

Sir:

The undersigned, being an Assignee of the above-identified patent application, hereby elects under 37 C.F.R. §3.71 to prosecute this patent/patent application to the exclusion of the inventor(s)/previous assignee(s). In accordance with the provisions of 37 C.F.R. §3.73(b), attached hereto in the form of a Certificate Under 37 C.F.R. §3.73(b) executed by the Assignee is documentary evidence of a chain of title from the original owner to the Assignee or a specification by reel and frame number of where such evidence is recorded in the Patent and Trademark Office. Included in that Certificate is a statement specifying that the evidentiary documents have been reviewed and certifying that, to the best of Assignee's knowledge and belief, title is in the Assignee.

The Assignee hereby revokes any previous Power of Attorney and appoints:

Mark R. Wisner, Registration No. 30,603; and

Malcolm H. Skolnick, Registration No. 33,788;

jointly and severally, as Assignee's attorney or agent, with full power of substitution and revocation, to prosecute this patent/patent application, to make alterations and amendments therein,

and to transact all business in the Patent and Trademark Office in connection therewith.

Please address all communications to:

Mark R. Wisner
WISNER & ASSOCIATES
1177 West Loop South, Suite 400
Houston, Texas 77027-9012
Telephone: (713) 785-0555
Facsimile: (713) 785-0561

ASSIGNEE:

**THE BOARD OF SUPERVISORS OF
LOUISIANA STATE UNIVERSITY AND
AGRICULTURAL AND MECHANICAL COLLEGE,
A LOUISIANA PUBLIC CONSTITUTIONAL
CORPORATION ACTION THROUGH ITS
LOUISIANA STATE UNIVERSITY HEALTH
SCIENCES CENTER - SHREVEPORT**

By: John C. McDonald

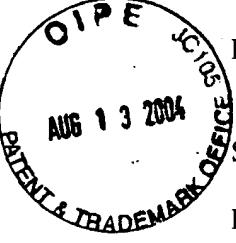
Signature of Authorized Official

Typed/Printed Name: JOHN C. McDONALD

Title: CHANCELLOR/DEAN

Date: AUGUST 4, 2004

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Mark R. Wisner, Registration No. 39,603

Aug. 9, 2004
Date

CERTIFICATE UNDER 37 C.F.R. 3.73(B)

Dear Sir:

The Board of Supervisors of Louisiana State University and Agricultural and Mechanical College, a Louisiana public constitutional corporation acting through its Louisiana State University Health Sciences Center – Shreveport (“Assignee”), certifies that it is an Assignee of the patent/patent application identified above by virtue of:

- A. An Assignment from the inventor(s) of the patent application identified above.
 - The Assignment was recorded in the Patent and Trademark Office at Reel ____, Frame ____; or
 - A copy thereof is attached.
- B. A chain of title from the inventor(s) of the patent/patent application identified above to the current assignee as shown below:
 1. From: _____
To: _____
 - The document was recorded in the Patent and Trademark Office at Reel ____, Frame ____; or
 - A copy thereof is attached.
 2. From: _____
To: _____
 - The document was recorded in the Patent and Trademark Office at Reel ____, Frame ____; or
 - A copy thereof is attached.

3. From: _____

To: _____

The document was recorded in the Patent and Trademark Office at Reel _____, Frame _____; or
 A copy thereof is attached.

Additional documents in the chain of title are listed on a supplemental sheet.
 Copies of assignments or other documents in the chain of title are attached.

The undersigned has reviewed all the documents in the chain of title of the patent/patent application identified above and, to the best of undersigned's knowledge and belief, title is in the Assignee identified above.

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the Assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereof.

Signature: John C. McDonnell

Name: John C. McDonnell

Title: CHANCELLOR/DEAN

Date: August 4, 2004

ASSIGNMENT**COPY**

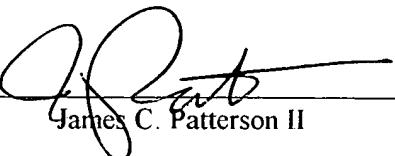
FOR the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, I/we, the undersigned, do hereby SELL, ASSIGN AND TRANSFER to The Board of Supervisors of Louisiana State University and Agricultural and Mechanical College, a Louisiana public constitutional corporation, acting through its Louisiana State University Health Sciences Center - Shreveport and having a place of business at 1505 Kings Highway, Shreveport, Louisiana 71103 (the "Assignee"), the entire right, title and interest for the United States in and to the invention disclosed and/or claimed in the application for United States Letters Patent Serial No. 10/811,633, filed in the U.S. Patent and Trademark Office on March 29, 2004 and entitled **METHODS FOR USING PET MEASURED METABOLISM TO DETERMINE COGNITIVE IMPAIRMENT**, and all divisional, continuing, substitute, renewal, reissue and other applications for patent which have been or shall be filed in the United States and all other countries foreign thereto on any of such improvements, including all rights of priority to such invention and application pursuant to international treaty, and all original and reissued patents which have been or shall be issued in the United States and all other countries on such improvements for the full term(s) for which the same may be granted;

AUTHORIZE AND REQUEST the Patent and Trademark Office, and the appropriate office in all countries foreign to the United States, to issue any and all such patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT that, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute and deliver to the Assignee all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements, execute and deliver to the Assignee all rightful oaths, declarations, assignments, powers of attorney and other papers, communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof, and generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

SAID ASSIGNMENT TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.



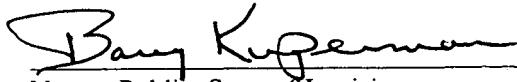
James C. Patterson II

8/04/04, 2004
Date

STATE OF LOUISIANA §
 §
PARISH OF CADDO §

Before me, the undersigned authority, on this date personally appeared **James C. Patterson II**, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

Given under my hand and seal this 4th day of August, 2004.



Notary Public, State of Louisiana

My Commission Expires: _____

